

# U616AT User Guide



A downloadable, printable guide to your **U616AT** and its features.

# Contents

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|                                |           |
|--------------------------------|-----------|
| <b>Getting started</b>         | <b>4</b>  |
| About the user guide           | 4         |
| Getting to know your phone     | 5         |
| Setup                          | 8         |
| Home screen                    | 11        |
| <b>Making connections</b>      | <b>14</b> |
| Phone                          | 14        |
| Contacts                       | 16        |
| Messaging                      | 17        |
| Gmail                          | 18        |
| Internet and social networking | 19        |
| Connectivity                   | 21        |
| <b>Apps and entertainment</b>  | <b>23</b> |
| Camera and video               | 23        |
| Photos                         | 25        |
| Productivity                   | 26        |
| <b>Settings</b>                | <b>30</b> |
| Network & internet             | 30        |
| Connected devices              | 33        |
| Apps                           | 36        |
| Notifications                  | 37        |
| Battery                        | 39        |

|  |           |
|--|-----------|
| Storage . . . . .                                  | 40        |
| Sound . . . . .                                    | 41        |
| Display . . . . .                                  | 42        |
| Accessibility . . . . .                            | 44        |
| Security . . . . .                                 | 48        |
| Privacy . . . . .                                  | 52        |
| Location . . . . .                                 | 53        |
| Safety & emergency . . . . .                       | 54        |
| Passwords & accounts . . . . .                     | 55        |
| Digital Wellbeing & parental controls . . . . .    | 56        |
| System . . . . .                                   | 57        |
| About phone . . . . .                              | 63        |
| <b>Safety and use . . . . .</b>                    | <b>64</b> |
| <b>Regulatory agency identifications . . . . .</b> | <b>75</b> |
| FCC Regulations . . . . .                          | 75        |
| RF Exposure Information (SAR) . . . . .            | 76        |
| Hearing Aid Compatibility (HAC) . . . . .          | 77        |
| <b>Warranty . . . . .</b>                          | <b>78</b> |

# Getting started

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The topics in this section will introduce you to your phone, help you get set up with service, provide an overview of the phone screen, and get you started with basic phone operations.

## About the user guide

Thank you for purchasing your new U616AT Smartphone. The following topics explain how best to use this guide to get the most out of your phone.

### Before using your phone

Read the Quick Start Guide that came with your device thoroughly for proper usage.

### Descriptions in the user guide

Note that most descriptions in this guide are based on your phone's setup at the time of purchase. Some operation descriptions may be simplified.

### Screenshots and key labels

Screenshots and other illustrations in this user guide may appear differently on your phone. Key labels are simplified for description purposes and differ from your phone's display.

### Other notations

In the user guide, the phone may be referred to either as “phone,” “device,” or “handset.” A microSD™ or microSDHC™ card is referred to as an “SD card” or a “memory card.”

# Getting to know your phone

These topics illustrate your phone's primary parts and key functions.



**Note:** Your phone's screens and app layouts are subject to change. This user guide uses sample images only.

| Part  | Description  |
|---|--|
| <b>Headset port</b>                             | Plug in a headset (sold separately) to listen to music or for convenient, hands-free conversations.  |
| <b>SIM tray</b>                                 | Insert your Nano SIM card and microSD for service and additional storage.  |
| <b>Receiver</b>                                 | Hear the caller and automated prompts.   |
| <b>LED indicator</b>                            | Be informed of status changes and notifications on the phone with an LED indicator light on the front display.   |
| <b>Front camera</b>                             | Take pictures and record videos while facing the screen.   |
| <b>Touch screen</b>                             | <ul style="list-style-type: none"> <li>• View information needed to operate your phone.</li> <li>• Access your phone's features and applications.</li> </ul> |
| <b>Microphone</b>                               | Transmit your voice electronically for a call, voice recording, or Google Assistant.   |
| <b>USB Type-C charging &amp; accessory port</b> | Connect the USB cable (included) for charging, or connect other accessories.   |
| <b>Speaker</b>                                  | Listen to calls, automated prompts, and music.   |
| <b>Volume keys</b>                              | Adjust the volume for ringtones, media, notifications, and system sounds.  |

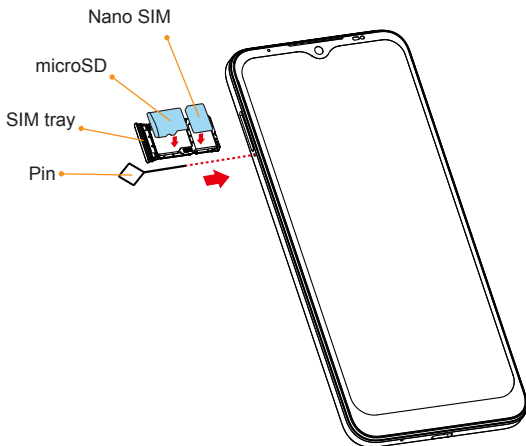
| Part                      | Description   |
|---------------------------|---|
| <b>Power key</b>          | <ul style="list-style-type: none"> <li>• Press to turn the screen on or off.</li> <li>• Press and hold to turn the phone on or off.</li> <li>• Press along with the <b>Volume down</b> key to take a screenshot.</li> </ul> |
| <b>Rear cameras</b>       | <ul style="list-style-type: none"> <li>• Take pictures and record videos with a 13+2 MP lens.</li> <li>• Use features such as the Portrait mode, Time lapse, Beauty mode, and more.</li> </ul>                              |
| <b>Flash</b>              | <ul style="list-style-type: none"> <li>• Brighten photos taken indoors or at night.</li> <li>• Use as a flashlight to see in dark areas.</li> </ul>   |
| <b>Fingerprint sensor</b> | Unlock your phone with a touch of your finger.  |
| <b>Back button</b>        | Return to the previous screen.  |
| <b>Home button</b>        | Display the main Home screen.   |
| <b>Recent Apps button</b> | <ul style="list-style-type: none"> <li>• Tap to display a list of recently used apps.</li> <li>• Double-tap to swap between your last two used apps.</li> </ul>   |

**CAUTION!** Inserting an accessory into the incorrect port may damage the phone.

# Setup

## Install a Nano SIM/microSD card

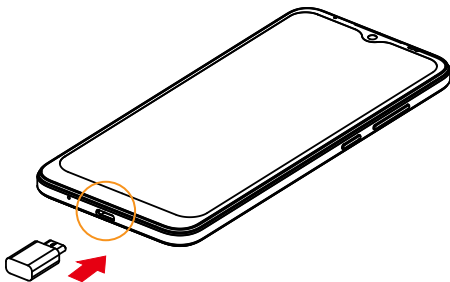
1. Insert the included SIM tray pin into the tray slot and remove the SIM tray.
2. Place the Nano SIM card and microSD card (not included) with metal contacts facing down into the tray.
3. Gently slide the SIM tray back into the slot.





## Charge the battery

1. Connect one end of the data cable to the USB port located on the bottom of your phone.



2. Connect the other end to the power adapter.
3. Connect the power adapter to an electrical outlet to fully charge your phone.

**Note:** Use the power adapter that comes with your phone; using other adapters may damage your phone.

## Turn your phone on and off

The instructions below explain how to turn your phone on and off.

### Turn your phone on

Press and hold the **Power** key until the device turns on.


## Turn your phone off

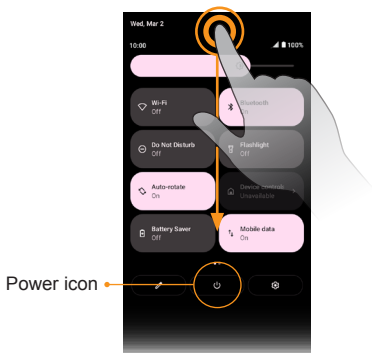
There are two ways you can use to turn your phone off.

- **Using Power key**

1. Press and hold the **Power** key.
2. Tap **Power off**.

- **Via Quick Settings Panel**

1. Swipe down on the Status bar twice to enter Quick Settings panel.
2. Tap **Power icon**  > **Power off**.



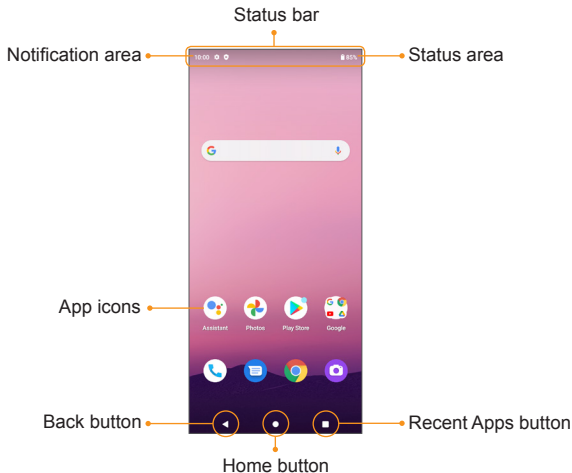
## Complete the setup screens

Once your phone is powered on, you will need to run Setup. The Setup Wizard will appear to guide you through the basic settings on your device. Follow the instructions to finish your phone setup.

# Home screen

The Home screen is the starting point for your phone's applications, functions, and menus. You can customize your Home screen by adding application icons, shortcuts, folders, and more.

Your Home screen extends beyond the initial screen. To add a new Home screen, drag an app icon to the right edge of the main screen and release the icon.





















## App list

All installed apps can be accessed and launched from the Apps list. From the Home screen, swipe up to access the **Apps** list.

## Status bar

The Status bar at the top of the Home screen provides phone and service status information on the right side and notification alerts on the left.



| Status icons (Right side)   |                       |   |                         |
|---|-----------------------|---|-------------------------|
| 3G  | 3G data service       |  | Network (full signal)   |
| 4G<br>LTE   | 4G LTE data service   |  | Wi-Fi® enabled          |
|  | Battery (full charge) |  | Hotspot on              |
|  | Battery (charging)    |  | GPS in use              |
|  | Mute on               |  | Airplane mode enabled   |
|  | Vibrate on            |  | Alarm on                |
| Notification icons (Left side)  |                       |   |                         |
|  | Download              |  | Missed call             |
|  | New voicemail         |  | New Email               |
|  | Warning               |  | New text or MMS message |
|  | Update successful     |  | Wi-Fi network available |

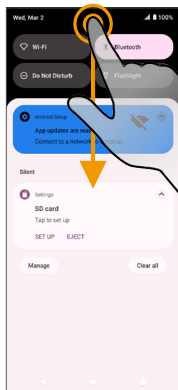
**Note:** Not all status and notifications icons are listed on the table above.

## Notification panel

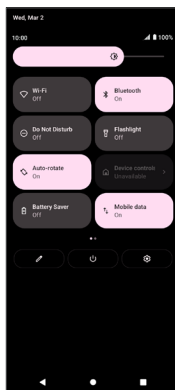
1. Swipe down on the Status bar to open the Notification panel.
2. Swipe left or right on a notification to delete it, or tap **Clear all** to clear all event-based notifications (other ongoing notifications will remain).

## Quick Settings panel

1. Swipe down on the Status bar again from the Notification panel.
2. Tap a setting to turn it on or off.
3. You can tap **Settings**  to access full settings or tap **Power off**  to turn your phone off.



Notification panel



Quick Settings panel




# Making connections

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The topics in this section will explain how to help you make connections, from phone calls and maintaining contacts, to text messages, email, Internet, and international services.

## Phone

### Make a call




1. From the Home screen, tap **Phone** .
2. Tap  to open the dialpad.
3. Enter a phone number in the keypad and tap  to make a call.

During a call, you can tap  at the bottom of the screen to hang up.

You can place phone calls directly from your contacts list, recent calls, and favorite list.

### Receive a call


The Incoming Call screen is displayed when a call is received, along with the caller's numbers and other information you've entered for that contact.


- To answer a call, swipe  up.
- To reject a call, swipe  down.
- Press any side key to mute the ringer.
- Any missed calls are logged in **Recents** .

To answer a call when your screen is unlocked, tap **ANSWER**.



## Reject a call and send a text message

You can reject an incoming call and automatically send a quick response text message to the caller.



1. When a call arrives, tap  on the bottom left corner of the screen.
2. Tap one of the messages or write your own to send to the caller.

You can edit the preset quick responses by tapping  > **Settings** > **Quick responses** and edit the quick responses.


## Call settings

1. From the Home screen, tap **Phone** .
2. Tap  > **Settings** to adjust your call settings.


## Call log

1. From the Home screen, tap **Phone** .
2. Tap **Recents**  on the bottom bar to display the call log.
3. You can tap a contact in the call log to display more options.
  - **Call:** Make a call to the contact/number.
  - **Create new contact:** Create a new contact from an unknown number.
  - **Add to a contact:** Add an unknown number to an existing contact.
  - **Send a message:** Send a text message to the contact/number.
  - **Block number:** Block the contact/number.
  - **Call details:** View detailed call information.


# Contacts

From the Home screen, swipe up to access Apps and tap **Contacts** .


## Add a contact

1. From the **Contacts** screen, tap  to add a contact.
2. Use the keyboard to enter information. When you are finished, tap **SAVE**.

## Edit a contact


1. From the **Contacts** screen, tap a contact to view its details.
2. Tap **Edit**  on the top right corner of the screen.

## Delete a contact


1. From the **Contacts** screen, tap a contact to view its details.
2. Tap  > **Delete**.

## Share a contact

You can quickly share contacts using Bluetooth, Gmail, text messaging, etc.

1. From the **Contacts** screen, tap a contact to view its details.
2. Tap  > **Share**.
3. Select how you'd like to share the contact information card (vCard).


## Contacts settings

1. From the **Contacts** screen, tap  > **Settings**.
2. Tap an option to adjust the settings.





# Messaging

Send instant messages, media, and more with text and multimedia messaging.









From the Home screen, tap **Messaging** .

## Send a text message (SMS)


1. From the Messaging screen, tap .
2. Enter a contact name or mobile number in the **To** field and tap the text box and compose your message.
3. When done, tap **Send**  to send the text message.

**Note:** Your text message automatically becomes a multimedia message if you enter an email address as the recipient, attach an item, or compose a very long message.

## Send a multimedia message (MMS)


1. From the Messaging screen, tap .
2. Fill in one or more recipients and tap the text box to compose your message.
3. Tap  to the left side of the text box to attach files.
  - Camera : Take a photo or record a video to send.
  - Gallery : Select one or more pictures or videos from Gallery to send.
  - Record : Record and send a voice recording.
  - Contacts : Send vCard.
4. After adding attachments, you can tap to view it, and tap  to delete the attachment.
5. Tap **Send**  to send the MMS message.

## Messaging settings

Tap  on the top right corner of the Messaging screen and tap **Settings** to adjust your messaging settings.

## Gmail

Use Gmail to send, receive, and manage your email messages. Before using Gmail, you must sign into your Google Account on your phone.



From the Home screen, swipe up to access **Apps** and tap **Gmail** .

**Note:** You can use the Gmail app to manage email for other accounts, such as Hotmail, Outlook, Exchange, and more.

## Receive an email


When a new email is received, you will see  in the Status bar. Drag the Status bar down to display the Notification panel and tap the new message to view it.

## Compose an email

1. From the Gmail screen, tap  **Compose** to compose a new email message.
2. Enter the message recipient(s), subject, and message, and then tap **Send** .

## Email settings


You can access settings for the Gmail app and for your individual email accounts from the Gmail settings menu.

1. From the Gmail screen, tap  > **Settings**.
2. Tap **General settings** to access settings for all accounts, or tap an account name to configure settings for a specific email account.

# Internet and social networking

The following topics describe how to connect to and use the Internet on your phone and how to access popular social networking sites such as Facebook, Duo, and more.



## Chrome browser

From the Home screen, tap **Chrome**  to browse the Internet, search for information, and bookmark your favorite web pages for convenient access.


## Browsing web pages

1. Tap the address field.
2. Enter a web address or a keyword to browse for web pages.


## Adding a bookmark

1. Open the web page you want to bookmark.
2. Tap  > .

## Opening a bookmark

1. From the Chrome browser screen, tap  > **Bookmarks**.
2. Select the bookmark of the website you want to view.


## Customizing browser settings

1. From the Chrome browser screen, tap  > **Settings**.
2. In the Settings list, you can select options to customize the browser.

**Tip:** For more information, visit: [google.com/intl/en/chrome/browser/mobile/](https://google.com/intl/en/chrome/browser/mobile/).

## Facebook

Post updates, see what your friends are up to, upload pictures and check-ins, and more with on-the-go Facebook access.


1. From the Home screen, swipe up to access **Apps** and tap **Facebook** .
2. Enter your mobile number or email and password and tap **Log In**, or tap **Create New Facebook Account** to join Facebook.
3. Once completed, your Facebook account will be added to your phone.

Once you've either created an account or signed in, you can post and view updates, upload pictures, tag locations, and more, all from your phone.


From the **Facebook** screen, tap **What's on your mind?** to type an update. You can also share photos and videos, start a live video, scroll through your Facebook feed, and more.

## YouTube

View videos uploaded to YouTube and upload your own videos.

1. From the Home screen, swipe up to access **Apps** and tap **YouTube** .
2. Browse YouTube channels and tap a video to view.
3. The video will play on your phone screen. Tap the screen to pause or resume play while watching.

You can post videos to your YouTube account from your phone.

1. Tap **Record/Post Video** .
2. Select a video to upload, record a new video to upload, or stream a live video. Enter a title, description, and tags, and select a privacy setting.

# Connectivity

The following topics address your phone's connectivity options, including USB file transfer, Wi-Fi, Bluetooth, and more.




## USB

You can use the USB cable to connect your phone directly to your computer and transfer music, photos, and other content files.

1. Connect your phone to your computer using the USB cable.
2. Swipe the Status bar down to display the Notification panel and tap **Charging this device via USB**.
3. Tap **File Transfer**. You can also select other options available.
4. On your computer, navigate to the detected device and open it.
5. If available, select a drive (**Internal shared storage** or **SD card**).
6. Select a folder and copy files from your computer to your phone or from your phone to your computer. When done, disconnect your phone from your computer.

## Wi-Fi




To use your phone's Wi-Fi, you need access to a wireless access point or hotspot.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet**  > **Wi-Fi**.
3. Slide the Wi-Fi switch to the **On**  position.
4. Wi-Fi is enabled. Tap **Wi-Fi** to see the names and security settings of in-range Wi-Fi networks.
5. Tap a Wi-Fi network to connect, enter the password (if applicable), and then tap

## CONNECT.

6. Your phone will be connected to the Wi-Fi network. You will see  in the status bar.


## Bluetooth

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices**  > **Connection preferences** > **Bluetooth**.
3. Slide the Bluetooth switch to the **On**  position.

## Pair Bluetooth devices

1. From the Connected devices screen, tap **Pair new device**.
2. Tap a device under Available devices and follow the on-screen instructions to pair with the device.
3. You can now tap a paired device to connect.

## To forget a paired device

1. From the Connected devices screen, tap **Settings**  next to the device you wish to forget.
2. Tap **FORGET** > **FORGET DEVICE**.
3. The device will be unpaired from your phone.

## Share files via Bluetooth

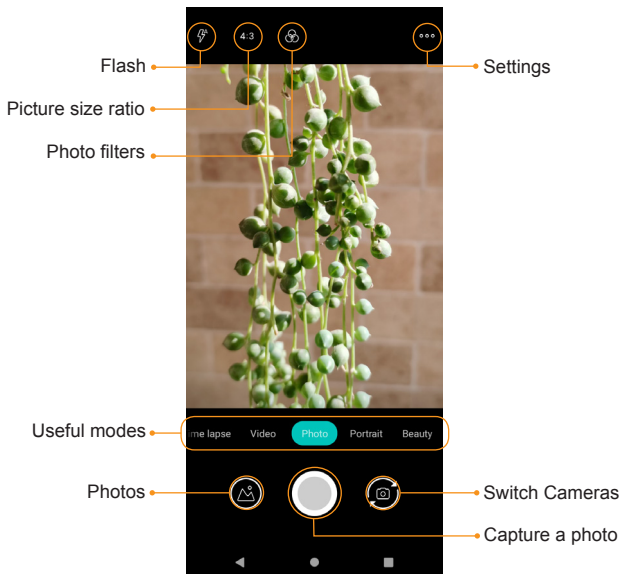
You can use Bluetooth to transfer files between your phone and another Bluetooth-enabled device, such as a phone or computer. Send photos, videos, calendar events, contacts, and more.

# Apps and entertainment




The topics in this section will explore the features that make your phone so much more than a phone, from the camera and productivity apps to music, entertainment, and more.

## Camera and video






You can use the camera or video camera to take and share photos and videos.



## Take a photo



1. From the Home screen, tap **Camera** . You can also access the Camera with one of the following methods:
  - From the Home screen, swipe up to access Apps and tap **Camera** .
  - Press the **Power** key twice quickly.
  - From the Lock screen, swipe up from the bottom right corner of the screen.
2. Tap **Photo** to switch to Photo mode.
3. Aim the camera at your subject and tap  or press the **Volume** key to take the photo.

## Record a video

1. From the Camera screen, tap **Video** to switch to Video mode.
2. Aim the camera at your subject and tap  or press the **Volume** key to start recording a video.
3. Tap  to hold the recording and tap  to resume. Tap  to stop recording and save your video. To take a picture during the recording, tap .


## Camera settings

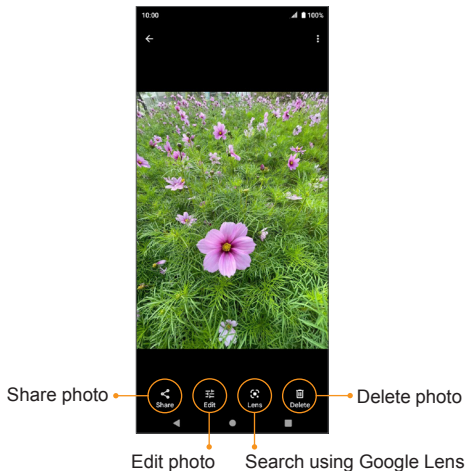
You can adjust your camera's settings using the icons on the main camera screen and the full camera settings menu.

1. From the Home screen, tap **Camera** .
2. Tap **Settings** .





# Photos

Using the **Photos**  app, you can view photos and watch videos that you've taken, downloaded, or copied onto your storage card or phone memory. For pictures that are on your storage card or phone memory, you can do basic editing such as rotating and cropping.



## Edit photos


1. From the Home screen, tap **Photos** .
2. Tap the picture you want to edit.
3. Tap  to access the Edit screen.
4. When finished, tap **Save copy** to save a copy of your photo.

# Productivity

Use your phone to stay productive and organized with calendar, navigation, alarm, and more productivity apps.


## Calendar

Use the Calendar to create and manage events, meetings, and appointments.


From the Home screen, swipe up to access **Apps** and tap **Calendar** .

You can view calendar in Schedule, Day, 3 days, Week, or Month view.


### Add an event

1. From the Calendar screen, tap **Add**  to add an event.
2. Enter event details, and then tap **Save**.


### Edit an event

1. From the Calendar screen, tap a date and an event to view the details.
2. Tap **Edit**  to edit the event and tap **Save** to save.

### Delete an event

1. From the Calendar screen, tap a date and an event to view the details.
2. Tap **Options**  > **Delete** to delete the event.

### Calendar settings


1. From the Calendar screen, tap  > **Settings** > **General**.
2. Tap an option to adjust the settings.

## Google Maps




Use the Google Maps app to determine your location, get directions, browse local businesses and attractions, rate and review places, and more.

### Search for destinations

Use Google Maps to locate and map a specific address or destination.


1. From the Home screen, swipe up to access **Apps** and tap **Maps** .
2. Tap **Search here**.
3. Enter an address, city, facility name, etc., then choose a search result. You will see your location on the map.

### Google Maps operations


- **View current location:** Tap  to find your current location on the map.
- **Explore nearby venue categories:** Browse nearby venues by selecting a category such as restaurants, parks, hotels, and more.
- **Select map types for different views:** Tap **Map Type**  and choose your map view, or select to view map details such as traffic, street view, etc.
- **Find a route to your destination:** Tap **GO** , enter your desired start location and destination, and tap a method of transportation (car, public transit, or on foot) for a list of step-by-step directions to your destination.

## Clock


The Clock app allows you to set alarms, view different world times, use a stopwatch, set a timer, manage your bedtime, and use your phone as a desk clock.

From the Home screen, swipe up to access **Apps** and tap **Clock** .



### Set the date and time manually

1. From the Clock screen, tap  > **Settings** > **Change date & time** > **Set time automatically** > **Off**.
2. Tap **Set date** or **Set time** to set the date or time manually.






### World clock

1. From the Clock screen, tap  to access the World clock screen.
2. Type to enter a city name and select the city you want to add from the list. To remove a city, touch and hold, then drag the city to the trash can.






### Create a new alarm

1. Tap **Alarm**  > .
2. Set the time for the alarm and tap **OK**.


### Timer

1. Tap **Timer**  to access the Timer screen.
2. Enter the amount of time into the Timer.
3. Tap  to begin timing. Tap  to pause it.
4. Tap **Reset** to reset the timer back to zero. Tap  to delete the timer. Tap  to add another timer. Swipe up and down to view other active timers.

## Stopwatch

1. Tap **Stopwatch**  to access the Stopwatch screen.
2. Tap  to begin the stopwatch. Tap  to stop it. Tap  to reset the stopwatch to zero. Tap  to add lap splits.


## Bedtime

1. Tap **Bedtime**  to access the Bedtime screen.
2. Set your sleep time and wake-up time.

Your phone will enter **Bedtime mode** during the sleep time. In Bedtime mode, phone notifications for calls, texts, and other interruptions will be turned off. And the phone's display color will be turned into black and white to reduce the chance of you staying up and using your phone. A wake up alarm will be set automatically to wake you up at the wake-up time you've set.

There are the following options for you to manage your sleep:


- **See recent bedtime activity:** Keep track of your screen time and see estimates of time spent in bed. This is based on when your phone remained motionless in a dark room.
- **Listen to sleep sounds:** You can play soothing music to help you fall asleep. Sleep sounds don't play automatically.
- **See your upcoming events:** To make sure your alarm is set before any events, allow **Clock** to access your calendar.

**Note:** You can add **Bedtime mode** to the Quick Settings Panel to enable or disable this mode quickly and easily. To add it to the Quick Settings Panel, slide the status bar down twice to access Quick Settings Panel, tap **Edit**  to access the edit screen, scroll down to locate **Bedtime mode**, and drag it to the upper tiles list.

# Settings

---

The topics in this section will cover your phone's settings and options.

From the Home screen, swipe up to access **Apps** and tap **Settings**  to access your phone's Settings menu.

## Network & internet

From the Settings screen, tap **Network & internet** .

### Wi-Fi


#### Connect your device to a Wi-Fi network

See [\*“Wi-Fi” on page 21\*](#).

#### Manually connect to a Wi-Fi network


1. From the bottom of the Wi-Fi screen, tap **Add network**.
2. Enter the required information and tap **SAVE**.
  - **Network name:** Enter the network name.
  - **Security:** Select a security option and enter your password.
  - **Advanced options:** Show advanced options, such as IP settings and Proxy settings.

#### Join Wi-Fi by scanning a QR code

1. From the bottom of the Wi-Fi screen, tap  on the right side of **Add network**.
2. Scan network QR code to join in.

## Airplane mode

Disable all network communication.


1. From the Network & internet screen, tap **Airplane mode**.
2. Slide the switch to the **On**  position to activate Airplane mode.

## Hotspot & tethering

Share your phone's internet connection with other devices. From the Network & internet screen, tap **Hotspot & tethering**.


### Mobile Hotspot

Use your phone as a mobile hotspot.

1. From the Hotspot & tethering screen, tap **Mobile Hotspot**.
2. Slide the switch to the **On**  position to enable the mobile hotspot function.

### USB tethering

Share your phone's internet connection via USB.

1. Connect your phone to the device that you want to share your internet with using a USB cable before continuing to the next step.
2. From the Hotspot & tethering screen, tap **USB tethering** to turn the switch to the **On**  position to enable USB tethering.

### Bluetooth tethering


Share your phone's internet connection via Bluetooth.

From the Hotspot & tethering screen, tap **Bluetooth tethering** to turn the switch to the **On**  position to enable Bluetooth tethering.

## Data Saver

To help reduce data usage, Data Saver prevents some apps from sending or receiving data in the background.


From the Network & internet screen, tap **Data Saver**.

- **Use Data Saver:** Slide the switch to the **On**  position to enable the data saving mode.
- **Unrestricted data:** Set apps to be allowed to use restricted data when Data saver is on.


## VPN (Virtual Private Networks)

**Note:** You need to set a lock screen PIN or password before you can use a VPN.

### Add a VPN profile

1. From the Network & internet screen, tap **VPN**.
2. Tap  on the top right corner of the screen to add a VPN profile.
3. Enter the required information and tap **SAVE** to save.

### Edit and delete a VPN

1. From the VPN screen, tap  next to a VPN.
2. Edit the VPN and tap **SAVE**, or tap **FORGET** to delete the VPN.

### Connect to a VPN


1. From the VPN screen, tap a VPN to connect.
2. Enter your login information, and tap **CONNECT**.
3. To disconnect, tap the VPN, and tap **DISCONNECT**.



## Private DNS

1. From the Network & internet screen, tap **Private DNS**.
2. Select your Private DNS mode and tap **SAVE** to save.

## Wireless Emergency Alerts

1. From the Network & internet screen, tap Wireless Emergency Alerts.
2. Slide the switch to the On  position to receive wireless emergency alert notifications.

## Connected devices

From the Settings screen, tap **Connected devices** .

### USB

Connect your phone to a computer using a USB cable to transfer data, share network connectivity, or charge your phone. From the Connected devices screen, tap **USB**.

#### USB controlled by:

- **Connected device:** Set the connected device to control the USB.
- **This device:** Set your phone to control the USB.

#### Use USB for:

- **File Transfer:** Select to transfer files between your phone and your computer.
- **USB tethering:** Select to share your phone's internet connection via USB.
- **MIDI:** Select to set this device as MIDI.
- **PTP:** Select to transfer PTP photos.
- **No data transfer:** Select to set No data transfer mode.

## Connection preferences

Manage various connection preferences.

From the Connected devices screen, tap **Connection preferences**.

### Bluetooth

Wirelessly hear calls, connect speakers, transfer data, and more.

#### Pair or forget a device

See [\*“Bluetooth” on page 22\*](#).


#### Receive data via Bluetooth

When a device attempts to send a file to your phone using Bluetooth, you will be prompted to accept or decline the request.

1. Tap **ACCEPT**.
2. To view the file received, drag the Status bar down and tap **Bluetooth share: Received files**.
3. You can also locate the file from the Bluetooth settings menu. From the Connection preferences screen, tap **Files received via Bluetooth** to open the files you've received.

### Cast

Scan for nearby devices to connect to and set them up. A notification will appear when there are available devices to connect to.

1. From the Connection preferences screen, tap **Cast**.
2. Tap  > **Enable wireless display**.
3. Tap a device to connect.

## Printing

Connect your device to a printer on the same Wi-Fi network.


1. From the Connection preferences screen, tap **Printing**.
2. Tap **Add service**.
3. Tap an option to add a printer by IP address or by Wi-Fi Direct.

## Chromebook

1. From the Connection preferences screen, tap **Chromebook**.
2. Manage connections with your Chromebook.

## Nearby Share

Nearby Share allows the rapid short-range exchange of images, videos, text, contact info, directions, YouTube videos, and other data via Bluetooth and Wi-Fi.

1. From the Connection preferences screen, tap **Nearby Share**.
2. Slide the switch to the **On**  position to enable this function.

**Note:** Nearby Share requires both sender and recipient devices' Bluetooth and Location to be turned on, both devices are unlocked, and close together. To share files, a Wi-Fi hotspot might be turned on temporarily.

## Android Auto

Use Android Auto app to control your phone's maps, media and messaging functions, with the Google Assistant while you drive.

1. From the Connection preferences screen, tap **Android Auto**.
2. Plug your phone into this car's Android Auto-compatible USB port. When connected, supported apps will be mirrored from your phone to your car's display.

# Apps


View current running applications, manage default apps, and more.

From the Settings screen, tap **Apps** .

## Default apps

1. From the Apps screen, tap **Default apps**.
2. Set the default app for the browser, phone, messaging, etc. You can also set default apps for opening links.

## Screen time

1. From the Apps screen, tap **Screen time**.
2. Tap  on the right side of most apps to set daily timers. When the app timer ends, the app is paused for the rest of the day.

## Unused apps

1. From the Apps screen, tap **Unused apps**.
2. View apps that you did not use for a long time. You can un-install them to free up some space.

## Special app access

1. From the Apps screen, tap **Special app access**.
2. View app access for special functions, such as display over other apps, unrestricted data, usage access, etc.

# Notifications

Manage the settings on notifications. From the Settings screen, tap **Notifications**.


## App settings

Control notifications from individual apps.

1. From the Notifications screen, tap **App settings**.
2. Apps were categorized into four types. Select a category from the drop-down list, and choose the app you want to adjust the notification settings for.

## Notification history

View your recent and snoozed notifications.

1. From the Notifications screen, tap **Notification history**.
2. Slide the switch to the **On**  position to enable this function.
3. Your recent and snoozed notifications will appear.


## Conversations

View priority and modified conversations.

1. From the Notifications screen, tap **Conversations**.
2. Your priority and modified conversations are displayed.

## Bubbles

Enable message conversations display as bubbles, floating on top of other apps.

1. From the Notifications screen, tap **Bubbles**.
2. Slide the switch to the **On**  position to allow apps to show bubbles.

## Device & app notification


Control which apps and devices can read notifications.

1. From the Notifications screen, tap **Device & app notifications**.
2. You can see the devices and apps that allowed and not allowed to access notifications.

## Notifications on lock screen

1. From the Notifications screen, tap **Notifications on lock screen**.
2. Select how you want notifications to be displayed on the lock screen.


## Do Not Disturb

1. From the Notifications screen, tap **Do Not Disturb**.
2. Tap  to enable Do Not Disturb mode.
3. You can set Do Not Disturb behavior, exceptions, schedule, etc.

## Other notifications settings

There are other notifications settings for your adjustment, such as Hide silent notifications in status bar, notification dot on app icon, etc.

# Battery


Monitor your phone's battery usage. From the Settings screen, tap **Battery**  .

## Battery Usage

From the Battery screen, tap **Battery Usage**. You can view the battery percentage that each app used from last full charge.


## Battery Saver

From the Battery screen, tap **Battery Saver**. Slide the switch to the **On**  position to turn the battery saver mode on.


- **Set a schedule:** Tap **Based on percentage** and drag the slider to the percentage you need. The Battery Saver will turn on automatically when your phone reaches that battery percentage.
- **Turn off when charged:** Slide the switch to the **On**  position to turn the Battery Saver off when your phone charges above 90%.

## Battery Manager

Monitor the amount of battery being used by apps. If battery usage increases too much, your phone will suggest actions you can take.

From the Battery screen, tap **Battery Manager**. Slide the switch to the **On**  position to enable the Battery Manager.

## Battery percentage

From the Battery screen, tap **Battery percentage**. Slide the switch to the **On**  position to show the battery percentage in the Status bar.

# Storage

The Storage settings menu allows you to manage internal storage on your phone and provides menu choices for an optional SD card (not included).


From the Settings screen, tap **Storage** .

## Device storage

1. From Storage screen, tap **THIS DEVICE** > **This device**.
2. Tap a category to view the storage amount used by each app.

## SD card


From Storage screen, tap **THIS DEVICE** > **SD CARD** to view files stored on your SD card.

Tap  on the top right corner of the screen to access the following options:

- **Rename:** change the SD card name.
- **Eject:** eject the SD card to allow for safe removal.
- **Format:** format the SD card.

## Storage manager

Storage manager removes backed up photos and videos from your device.


1. From Storage screen, tap **Storage manager**.
2. Slide the switch to the **On**  position to enable this feature.
3. Tap **Remove photos & videos** to set the types of photos and videos to be removed.

You can go to Files app to manage and free up space by tapping **Free up space**.



# Sound

Control your phone's audio, from ringtones and alerts to tap tones and notifications.

1. From the Settings screen, tap **Sound**  .
2. Drag the sliders to adjust the volumes of Media, Call, Notification, Ring, and Alarm.

## Do Not Disturb


Tap to manage Do Not Disturb settings. Some notifications will be silenced when Do Not Disturb is turned on.

## Phone ringtone

Select a ringtone for incoming phone calls. You can customize your own ringtone by tapping **Add ringtone**.

## Media

Slide the **Pin media player** switch to the **On**  position to have media player stays open in the Quick Settings Panel when the media session has ended.

Slide the **Show media recommendations** switch to the **On**  position to show media recommendations basing on your activities.

## Vibrate for calls


Select the checkboxes to enable or disable vibration for calls.

## Other sound settings

You can set sounds for default notification and alarm, enable dial pad tones, and more.

# Display

Adjust items such as wallpaper, brightness, screen timeout, and more.

From the Settings screen, tap **Display** .

## Brightness level

From the Display screen, tap **Brightness level** and drag the slider to adjust the screen brightness level manually.

## Dark theme

From the Display screen, tap **Dark theme**.

Use a black background to help keep battery alive longer on some screens.

## Night Light

Tint your screen amber to make your eye more comfortable on reading in dim light.

From the Display screen, tap **Night light**. When enabled, you can set a Night Light schedule and intensity.

## Adaptive brightness

From the Display screen, tap **Adaptive brightness**.

When turned on, your phone will automatically adjust screen brightness based on the lighting conditions.

## Wallpaper

Set the wallpaper on the phone.

1. From the Display screen, tap **Wallpaper**.

2. Tap **Photos** or **Wallpapers** to choose a picture.
3. Follow the prompts to set it as your device's Home screen and/or Lock screen wallpapers.

## Screen timeout

From the Display screen, tap **Screen timeout** to select a time. Your screen will automatically go to sleep after the set amount of time.

## Auto-rotate screen

From the Display screen, tap **Advanced > Auto-rotate screen** to enable screen rotation automatically.

## Screen saver

From the Display screen, tap **Advanced > Screen saver**.


Set the screen saver, adjust screen saver settings, and set the time to activate the screen saver.

## Other display settings

You can adjust other display settings, like font size, display size, etc.



# Accessibility

The Accessibility settings menu allows you to manage accessibility-related apps. Accessibility services are special features to make the device easier to use for those with certain physical disabilities.

From the Settings screen, tap **Accessibility** .

## Real-Time text call

From the Accessibility screen, tap **Real-Time text call**.

- **RTT switch:** Slide the switch to the **On**  position to turn on this function.
- **RTT call button:** Select **Always Visible** to always have access to the RTT call button.
- **RTT transcript:** Slide the switch to the **On**  position to turn the transcript of history on.

## TTY mode

A TTY (teletypewriter, also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone.

To turn TTY Mode on or off:

1. From the Accessibility screen, tap **TTY mode**.
2. Tap **TTY On** to turn TTY mode on.

**Note:** When enabled, TTY mode may impair the audio quality of non-TTY devices connected to the headset port.

## Warning: 9-1-1 emergency calling

It is recommended that TTY users make emergency calls by other means, including Telecommunications Relay Services (TRS), analog cellular, and landline communications. Wireless TTY calls to 9-1-1 may be corrupted when received by public safety answering points (PSAPs), rendering some communications unintelligible. The problem encountered appears related to TTY equipment or software used by PSAPs. This matter has been brought to the attention of the FCC, and the wireless industry and the PSAP community are currently working to resolve this.


## Text and display

From the Accessibility screen, tap **Text and display** to set font size, display size, bold text, color correction, color inversion, high contrast text, etc.

## Extra dim



From the Accessibility screen, tap **Extra dim**. Dim screen beyond your phone's minimal brightness.

## Dark theme

From the Accessibility screen, tap **Dark theme**. Slide the switch to the **On**  position to access dark theme mode. You can set dark theme schedule.

## Magnification

From the Accessibility screen, tap **Magnification**.

- **Magnification shortcut:** Slide the switch to the **On**  position to enable magnification shortcut. Tap the magnification icon  appeared on the bottom right corner of the screen to magnify your screen.
- **Magnification type:** Magnify full screen, part of screen, or switch between both options.

## Timing controls

From the Accessibility screen, tap **Timing controls**.

- **Touch & hold delay:** Set the touch & hold delay to **Short**, **Medium**, or **Long**.
- **Time to take action (Accessibility timeout):** Choose how long to show messages that ask you to take an action.
- **Autoclick (dwell timing):** Enable automatic clicking when using a mouse and adjust the amount of time between the mouse stopping and the click.

## System controls

From the Accessibility screen, tap **System controls**.


- **System navigation:** Set system navigation by gestures or using **Back**, **Home** and **Recent Apps** buttons located at the bottom of the screen.
- **Power button ends call:** Enable ending calls by pressing the **Power** key.
- **Auto-rotate screen:** Enable or disable screen rotation.

## Vibration & haptic strength

From the Accessibility screen, tap **Vibration & haptic strength**.

- **Ring vibration:** Enable or disable vibration for ringing.
- **Notification vibration:** Enable or disable vibration for notifications.
- **Touch feedback:** Enable or disable vibration for touch.

## Caption preferences

From the Accessibility screen, tap **Caption preferences**. Slide the switch to the **On**  position to show captions. You can also set caption display language, text size, and caption style.


## Audio adjustment

From the Accessibility screen, tap **Audio adjustment**.

- **Mono audio:** Enable combining channels when playing audio.
- **Audio balance:** Drag the slider left or right to adjust the audio balance from the speaker.


## Accessibility shortcuts

From the Accessibility screen, tap **Accessibility shortcuts**.

- **Accessibility button:** Manage the settings on accessibility button  , such as location, size, etc.
- **Shortcut from lock screen:** Allow feature shortcut to turn on from the lock screen.

## Text-to-speech output


From the Accessibility screen, tap **Text-to-speech output**.

- **Preferred engine:** Set the text-to-speech engine (Google is default). Tap  to manage text-to-speech settings.
- **Language:** Set the language for using this function.
- **Speech rate:** Drag the slider to adjust speech rate.
- **Pitch:** Drag the slider to adjust pitch.

Tap **PLAY** to play the example. Tap **RESET** to reset all Text-to-speech settings to the default settings.

# Security

The Security settings will help you to secure your device, protect your data, and keep your privacy.

From the Settings screen, tap **Security**  .

## Google Play Protect

Google will regularly check your device and prevent/warn you of potential harm. Only apps on Google Play will be checked.

From the Security screen, tap **Google Play Protect**.

## Security update

Check for new software updates for your device.

From the Security screen, tap **Security update**. Tap **Check for update** to check for updates.

## Find My Device

From the Security screen, tap **Find My Device**.

Find My Device helps you locate your device remotely, keeping your data safe in the event that your phone is lost.

## Screen lock

From the Security screen, tap **Screen lock**.

- **None:** Disable any screen lock.
- **Swipe:** Set swipe to unlock.
- **Pattern:** Set an unlock pattern. Follow the prompts to finish the settings.



- **PIN:** Set a PIN code as the screen unlock method.
- **Password:** Set a password as the screen unlock method.

## Fingerprint

In addition to unlocking your phone, you can also use your fingerprint to authorize purchases and app access.

### Add a fingerprint

1. From the Security screen, tap **Fingerprint**.
2. Enter your pattern, PIN, or password.

**Note:** To add a fingerprint, you must set your backup screen lock method first.

3. Tap **Next**.
4. Put your finger on the sensor on the back of your phone and lift after you feel a vibration. Keep pressing and lifting your finger to add the different parts of your fingerprint.
5. When finished, tap **Done**.
6. Tap **Add fingerprint** to add another fingerprint.

### Unlock your phone with your fingerprint

Once your fingerprint is registered, you can put your finger on the fingerprint sensor at the back of your phone to unlock the screen.

### Face unlock

Unlock your phone by looking at it.

**Note:** Face Unlock is less secure than fingerprint or password. Someone who looks like you could unlock your phone.

## Set up face authentication


1. From the Security screen, tap **Face unlock**.
2. Enter your pattern, PIN, or password.  
**Note:** To add a face unlock, you must set your backup screen lock method first.
3. Keep your eyes open and make sure your face is fully visible and not covered by any object, such as a hat or sunglasses.

## Unlock your phone with your face

To unlock your phone, press the **Power** key to light up the phone screen and trigger Face Unlock automatically.

## Smart Lock

Unlock your device automatically in certain conditions.

1. From the Security screen, tap **Smart Lock**.
2. **On-body detection:** Tap and slide the switch to the **On**  position to activate this feature. Your device will now be kept unlocked while it is on you.

## Device admin apps

1. From the Security screen, tap **Device admin apps**.
2. Enable or disable Device admin apps according to your preference.


## Encryption & credentials

From the Security screen, tap **Encryption & credentials**.


- **Encrypt phone:** Your phone is already encrypted.
- **Trusted credentials:** View trusted security certificates.

- **User credentials:** View and modify stored credentials.
- **Install a certificate:** Install certificates from the SD card.
- **Clear credentials:** Remove all certificates.
- **Certificate management app:** Tap to view apps where the credentials can be used for authentication.

## Trust agents


1. From the Security screen, tap **Trust agents**.
2. View your trusted agents.
3. Slide the switch to the **On**  position to turn them on.

## App pinning

1. From the Security screen, tap **App pinning**.
2. Slide the switch to the **On**  position to turn it on.
3. When turned on, you can use app pinning to keep the current screen in view until you unpin.

# Privacy

Secure your device, protect your data, and keep your privacy.

From the Settings screen, tap **Privacy** .

You can adjust the following Privacy settings:

- **Privacy dashboard:** Show which apps used permissions in the pass 24 hours.
- **Permission manager:** Control permission for apps that use your camera, location, microphone, contacts, storage, etc.
- **Camera access:** Allow camera access for all apps and services.
- **Microphone access:** Allow microphone access for all apps and services.
- **Show passwords:** Display characters briefly as you type passwords.
- **Notifications on lock screen:** Choose to show or hide notification content on the lock screen.
- **Show clipboard access:** Show a message when apps access text, images, or other content you've clipped.
- **Autofill service from Google:** Autofill your information from your Google Account. From the Privacy screen, tap **Autofill service from Google > CONTINUE**. Fill in the categories with information you'd like to autofill such as address, payment methods, etc.
- **Google location history:** View your location history.
- **Activity controls:** Choose the activities and information you allow Google to save.
- **Ads:** Control advertising ID and personalization.
- **Usage & diagnostics:** Share data to help improve Android.

# Location

Secure your device, protect your data, and keep your privacy.

1. From the Settings screen, tap **Location**  .
2. Slide the **Use location** switch to the **On**  position to turn location services on.

## Recent access

View a list of apps that have recently requested your location.

## App location permissions

View which apps have permission to access location services.

## Location services

- **Emergency Location Service:** When you call or text an emergency number, your device will use ELS to automatically send your location to emergency responders.
- **Google Location Accuracy:** Use GPS, Wi-Fi, Bluetooth, mobile networks, and sensors to determine your location.
- **Google Location History:** View your location history.
- **Wi-Fi scanning:** Improve location accuracy by allowing system apps and services to detect Wi-Fi networks at any time.
- **Bluetooth scanning:** Improve location accuracy by allowing system apps and services to detect Bluetooth devices at any time.

# Safety & emergency

Fulfill your medical and emergency information, view emergency alerts, and manage settings on emergency SOS and location service. From the Settings screen, tap


**Safety & emergency**  .

## Emergency information

Add medical information and emergency contacts to help first responders in an emergency. Anyone can read this information from your lock screen and dial your emergency contacts without unlocking your phone. From the **Safety & emergency** screen, tap **Emergency information**.

- **Medical information:** Add your medical information such as your name, address, blood type, allergies, etc.
- **Emergency contacts:** Choose contacts as your emergency contacts to be accessed from the lock screen in case of an emergency.

## Emergency SOS


From the **Safety & emergency** screen, tap **Emergency SOS**. Slide the switch to the **On**  position to turn the Emergency SOS function on. If you have an emergency and need emergency services, press the Power key 5 or more times quickly.

- **Play countdown alarm:** Play a loud sound when Emergency SOS is starting.
- **Call for help:** Edit your emergency number.

## Emergency Location Service

From the **Safety & emergency** screen, tap **Emergency Location Services**. When you call or text an emergency number, your device will use ELS to automatically send your location to emergency responders.

## Wireless emergency alerts

From the **Safety & emergency** screen, tap **Wireless emergency alerts**. Slide the **Allow alerts** switch to the **On**  position to turn it on. There are several kinds of alerts, such as Extreme threats, AMBER alerts, etc. Slide the corresponding switches to turn them on or off. You can also view emergency alert history and manage alert preferences.

## Passwords & accounts

From the Settings screen, tap **Passwords & Accounts**  .

### Passwords

See, change, or remove passwords you saved in your Google Account. From the Passwords & Accounts screen, tap **Passwords**.

### Autofill service

Autofill your information when needed from your Google Account. From the Passwords & Accounts screen, tap **Autofill service**. Fill in the categories with information you'd like to autofill such as address, payment methods, etc.

### Add account

From the Passwords & Accounts screen, tap **Add account**. Tap the type of account you want to add. Follow the prompts to enter your credentials and set up the account.

### Automatically sync app data

From the Passwords & Accounts screen, tap **Automatically sync app data** to activate automatic data syncing.

# Digital Wellbeing & parental controls

From the Settings screen, tap **Digital Wellbeing & parental controls**  .

## Your Digital Wellbeing tools

Use app timers and other tools to keep track of screen time and unplug more easily.

From the Digital Wellbeing & parental controls screen, tap **Show your data** to view the detailed information.

## Ways to disconnect

- **Dashboard:** View your screen time and set timers for your apps.
- **Bedtime mode:** Set a bedtime schedule to disconnect from your phone and avoid interruptions while you sleep.
- **Focus mode:** Pause distracting apps when you need time to focus.

## Reduce interruptions

- **Manage notifications:** Enable or disable the notifications of apps.
- **Do Not Disturb:** Mute your device, but allow exceptions such as calls or texts from certain contacts.
- **Show icon in the app list:** Enable icons in the app list.

## Parental controls

Add content restrictions and set other limits to help your child balance their screen time.

Tap **Set up parental controls** to adjust parental controls settings.

Follow the screens to finish the setup.



# System

Manage detailed settings for your phone, including language and input settings, gestures, date and time, reset options, etc.

From the Settings screen, tap **System**  .

## Languages & input


Set the language for the phone's menus, select and configure keyboard settings, configure speech input settings, etc. From the System screen, tap **Language & input**.

### Languages

View your languages. From the Language & input screen, tap **Languages**.

To add a language, tap **Add a language**, then select the language you want to add.


When more than one language has been added, you can touch and hold the language, then drag it up to the first position to set as the default display language.

To remove a language, tap  > **Remove**.

### Keyboards

- **On-screen keyboard:** View your on-screen keyboard settings.
  - Tap Manage on-screen keyboards to activate or deactivate your on-screen keyboards.
- **Physical keyboard:** View your physical keyboard settings.
  - Tap Use on-screen keyboard to enable displaying a virtual keyboard while a physical keyboard is active.
  - Tap Keyboard shortcuts to view the existing keyboard shortcuts.

## Tools

- **Spell checker:** Slide the switch to the **On**  position to enable the spell checker.
  - Tap Languages to select spell checker language and tap Default spell checker to select the default spell checker app.
- **Personal dictionary:** Add custom words to your personal dictionary.
- **Pointer speed:** Set the speed of the pointer for a mouse/track pad.
- **Text-to-speech output:** Manage settings on the text-to-speech function.


## Gestures

Manage gesture settings.

From the System screen, tap **Gestures**.

### Quickly open camera




Open the Camera app from any screen by quickly pressing the **Power** key twice.

1. From the Gestures screen, tap **Quickly open camera**.
2. Slide the switch to the **On**  position to enable this function.


## System navigation

From the Gestures screen, tap **System navigation**.

- **Gesture navigation:** Select the checkbox to enable the following navigation gestures:
  - To go to the Home screen, swipe up from the bottom of the screen.
  - To switch apps, swipe up from the bottom, hold, then release.
  - To go back to the previous screen, swipe from either the left or right edge.

- **3-button navigation:** Select the checkbox to enable on-screen-button navigation. This option is enabled by default.
  - To go to the Home screen, tap Home button .
  - To switch apps, tap Recent apps button .
  - To go back to the previous screen, tap Back button .

## Prevent ringing

Press the **Power** key and the **Volume up** key together to activate Vibrate or Mute mode. Slide the switch to the **On**  position to enable the Prevent ringing function.


## Date & time

From the System screen, tap **Date & time**.

- **Set time automatically:** Tap to automatically use the time and date provided by a connected Wi-Fi network. Disable this function to enter the date and time manually.
- **Set date:** Tap to set date manually. This option is available only when the **Set time automatically** function is disabled.
- **Set time:** Tap to set time manually. This option is available only when the **Set time automatically** function is disabled.
- **Automatic time zone:** Automatically set the time zone.
- **Select time zone:** Select your time zone manually. This option is available only when the **Automatic time zone** function is disabled.
- **Use location to set time zone:** Use location to set the time zone.
- **Use locale default:** Use the default time format.
- **Use 24-hour format:** Enable the 24-hour time format.

## Backup

Your phone's Backup settings let you back up your phone's data and settings to Google servers before resetting your phone to the original factory settings.

1. From the System screen, tap **Backup**.
2. Slide the **Back up to Google Drive** switch to the **On**  position to enable automatic backup to your Google Drive.
3. Backup includes apps and apps data, call history, contacts, device settings, and messages.

## System update

Check if a Android system update is available.


1. From the System screen, tap **System update**.
2. View your current system version and update time.
3. Tap **Check for update** on bottom right corner of the screen to check if any new updates available.

## Multiple users

You can share this device with other people by creating additional users. Each user has their own space, which they can customize with apps, wallpaper, and so on. Users can also adjust device settings like Wi-Fi that affect everyone.

From the System screen, tap **Multiple users**.

## Edit your profile info

From the Multiple users screen, tap **You (Owner)**. Tap  to add a photo, enter a name, and tap **OK** to confirm.

## Add a new user

From the Multiple users screen, tap **Add user** > **OK** to set up a new user.


## Add a guest

From the Multiple users screen, tap **Add guest**. You can switch to guest, turn on phone calls for the guest, or remove the guest.

## Switch users



From the Multiple users screen, tap the name of the user you want to switch to. Restart the phone to switch back to the Owner/Admin profile.

## Delete users

From the Multiple users screen, tap the user you want to delete. Tap **Delete [name of user]** > **DELETE** to remove the user. Other users can delete their own profiles by tapping  from the Multiple users screen > **Delete [name of user] from this device** > **DELETE**.

**Note:** All apps and data stored on the user's profile will also be deleted.

## Add user from lock screen

From the Multiple users screen, slide the switch to the **On**  position to enable it. From lock screen, drag the status bar down to display the quick settings panel, tap  to access the User settings screen. Tap **Add guest** or **Add user** to add users.


## Reset options

From the System screen, tap **Reset options**.

- **Reset Wi-Fi, mobile & Bluetooth:** Reset all network settings, including Wi-Fi, Mobile data, and Bluetooth. Tap **RESET SETTINGS** to reset.
- **Reset app preferences:** Reset all app preferences, including disabled apps, disabled app notifications, default apps for actions, background data restrictions for apps, etc. Tap **RESET APPS** to reset.
- **Erase downloaded SIMs:** Erase all data on your downloaded SIMs.
- **Erase all data (factory reset):** Completely erase all data from your phone's internal storage and reset the device to factory settings. Tap **Erase all data** to reset.

# About phone

Access important phone information, view legal and safety information, etc.

From the Settings screen, tap **About phone**  .

- **Device name:** Tap to edit your phone's display name.
- **Phone number:** Display your phone number.
- **Legal information:** View your device's legal information, including third-party licenses, Google legal, system web view licenses, etc.
- **SIM status:** View your SIM status information, such as the Network, Phone number on SIM, Mobile network state, etc.
- **Device unlock:** Follow the steps to unlock your device when needed.
- **Model & hardware:** View your device model and hardware information.
- **IMEI:** View your IMEI.
- **Android version:** View your device's current Android version and other relevant information.
- **IP address:** View your IP address.
- **Wi-Fi MAC address:** View and choose saved network.
- **Device Wi-Fi MAC address:** View your device's Wi-Fi MAC address.
- **Bluetooth address:** View your Bluetooth address.
- **Up time:** View your up time.
- **Build number:** View your build number.
- **Custom build version:** View your custom build version.

# Safety and use

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The topics in this section will introduce how to use your mobile device safely.

## Please read before proceeding

THE DEVICE IS NOT FULLY CHARGED WHEN YOU TAKE IT OUT OF THE BOX.  
DO NOT ATTEMPT TO REMOVE THE BACK COVER OR BATTERY.

## Important health information and safety precautions

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages. Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.

To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment, observe the following precautions.

## Electrical safety

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usages may be dangerous and will invalidate any approval given to this product.

## Safety precautions for proper grounding installation

**Warning: Connecting to an improperly grounded equipment can result in an electric shock to your device.**

This product is equipped with a USB cable for connecting with desktop or notebook computers. Be sure your computer is properly grounded (earthed) before connecting this product to the computer. The power supply cord of a desktop or notebook computer has an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in



accordance with all local codes and ordinances.

## **Safety precautions for power supply unit**

### **Use the correct external power source**

A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

This product should be operated only with the following designated power supply unit(s).

Travel charger: Input: 100-240V, 50/60Hz, 0.35A. Output: 5V, 2000mA

### **Battery must be used with caution**

This product contains a Lithium Ploymer battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short circuit the external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 140°F (60°C). The operating temperature for the phone is 14°F (-10°C) to 113°F (45°C). The charging temperature for the phone is 32° F (0°C) to 113°F (45°C).

**Warning: Battery is nonremovable. Do not attempt to remove the battery for danger of explosion.**

To reduce the risk of fire or burns, do not disassemble, crush, puncture, short circuit the external contacts, expose to temperature above 113°F (45°C), or dispose of in fire or water. Phone and battery as a unibody device must be disposed of in accordance with locally applicable environmental regulations or guide supplied with your product.



### **Take extra precautions**

- Do not disassemble or open, crush, bend or deform, puncture, or shred.
- Do not short circuit a battery or allow metallic conductive objects to contact the battery terminals.
- Only use the USB cable provided with the phone or that bear the USB-IF logo or have completed the USB-IF compliance program.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion, or other hazards.
- Device usage by children should be supervised.
- Only use the battery with a charging system that has been qualified with the system per CTIA Certification Requirement for Battery System Compliance to IEEE1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazards.
- Avoid dropping the phone. If the phone is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion, or other hazards. If the battery leaks:
  - Do not allow the leaking fluid to come into contact with skin or clothing. If already in contact, flush the affected area immediately with clean water and seek medical advice.

- Do not allow the leaking fluid to come into contact with eyes. If already in contact, DO NOT rub; rinse with clean water immediately and seek medical advice.
- Take extra precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.

## **Safety precautions for direct sunlight**

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product inside a vehicle or in places where the temperature may exceed 113°F (45°C), such as on a car dashboard, window sill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

## **Prevention of hearing loss**

Permanent hearing loss may occur if earphones or headphones are used at a high volume for prolonged periods of time.

## **Safety in aircraft**

Due to possible interference caused by this product to an aircraft's navigation system and its communications network, using this device's phone function on board an airplane is against the law in most countries. If you want to use this device while on board an aircraft, remember to turn off the RF on your phone by switching to Airplane Mode.

## **Environment restrictions**

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fueling areas, fuel storehouses, below deck on boats, chemical plants, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

## **Explosive atmospheres**

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions.

Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling points, such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

## **Road safety**

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands-free kit) causes distraction and can lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

## **Safety precautions for RF exposure**

- Avoid using your phone near metal structures (for example, the steel frame of a building).
- Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV, and radio.
- Use only original manufacturer-approved accessories or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

## **Interference with medical equipment functions**

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your healthcare provider may be able to assist you in obtaining this information.

Turn your phone OFF while inside healthcare facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare facilities may be using equipment that could be sensitive to external RF energy.

## **Non-ionizing radiation**

Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radioactive performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in noncompliance with the local regular requirement in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed.

Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.

## **Electrical safety**

### **Accessories**

- Use only approved accessories.
- Do not connect with incompatible products or accessories.

### **Connection to a car**

Seek professional advice when connecting a phone interface to the vehicle electrical system.

### **Faulty and damaged products**

- Do not attempt to disassemble the phone or its accessories.
- Only qualified personnel may service or repair the phone or its accessories.

### **General precautions**

You alone are responsible for how you use your phone and any consequences of its use. You must always switch off your phone wherever the use of a phone is prohibited. The use of your phone is subject to safety measures designed to protect users and their environment.

### **Avoid applying excessive pressure to the device**

Do not apply excessive pressure on the screen or the device to prevent damage. Remove the device from your pants' pocket before sitting down. Cracked display screens due to improper handling are not covered by the warranty.

### **Device getting warm after prolonged use**

When using your device for prolonged periods of time, such as when you're talking on the phone, charging the battery, or browsing the Web, the device may become warm.

In most cases, this condition is normal and therefore should not be interpreted as a problem with the device.

## **Heed service markings**

Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside the device should be done by an authorized service technician or provider.

## **Protect your phone**

- Always treat your phone and its accessories with care and keep them in a clean and dust-free environment.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture, or high humidity.
- Do not drop, throw or try to bend your phone, or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean your phone or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories. Only authorized personnel must do so.
- Do not expose your phone or its accessories to extreme temperatures, minimum 14°F (-10°C) and maximum 113°F (45°C).
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it can break when you sit down.

## **Damage requiring service**

Unplug the product from the electrical outlet and refer servicing to an authorized service technician or provide under the following conditions:

- Liquid has been spilled into or an object has fallen into the product.
- The product has been exposed to rain or water.
- The product has been dropped or damaged.
- There are noticeable signs of overheating.
- The product does not operate normally when you follow the operating instructions.

## **Avoid hot areas**

The product should be placed away from heat sources such as radiators, heat registers, stoves, or any device producing heat.

## **Avoid wet areas**

Never use the product in a wet location.

## **Avoid using your device after a dramatic change in temperature**

When you move your device between environments with very different temperature and/or humidity ranges, condensation may form on or within the device. To avoid damaging the device, allow sufficient time for the moisture to evaporate before using the device.

**Notice:** When taking the device from low temperature conditions into a warmer environment or from high-temperature conditions into a cooler environment, allow the device to acclimate to room temperature before turning on the power.

## **Avoid pushing objects into the product**

Never push objects of any kind into cabinet slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.



## **Airbags**

Do not place a phone in the area over an airbag or in the airbag deployment area. Store the phone safely before driving your vehicle.

## **Mounting accessories**

Do not use the product on an unstable table, cart, stand, tripod, or bracket. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.

## **Avoid unstable mounting**

Do not place the product with an unstable base.

## **Use product with approved equipment**

This product should be used only with personal computers and options identified as suitable for use with your equipment.

## **Adjust the volume**

Turn down the volume before using headphones or other audio devices.

## **Cleaning**

Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean the LCD screen.

## **Small children**

Do not leave your phone and its accessories within the reach of small children or allow them to play with it. They could hurt themselves, or others, or could accidentally damage the phone. Your phone contains small parts with sharp edges that may cause an injury, or which could become detached and create a choking hazard.

## **Repetitive motion injuries**

To minimize the risk of RSI, when texting or playing games with your phone:

- Do not grip the phone too tightly.
- Press the buttons lightly.
- Make use of the special features in the handset which minimize the number of buttons which have to be pressed, such as message templates and predictive text.
- Take lots of breaks to stretch and relax.

## **Operating machinery**

Full attention must be given to operating machinery in order to reduce the risk of an accident.

## **Loud noise**

This phone is capable of producing loud noises which may damage your hearing.

## **Emergency calls**

This phone, like any wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

## **Plastics content**

The percentage of post-consumer recycled and biobased plastics content in your phone is 0%.

# Regulatory agency identifications

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## FCC Regulations

This mobile phone complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This mobile phone has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## RF Exposure Information (SAR)

This mobile phone meets the government's requirements for exposure to radio waves. This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands.

Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 0.68 W/kg, in hotspot mode is 1.33 W/kg, and when worn on the body, as described in this user guide, is 1.25 W/kg (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of [www.fcc.gov/oet/ea/fccid](http://www.fcc.gov/oet/ea/fccid) after searching on FCC ID: XD6U616AT.

For body-worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and positions the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

## **Hearing Aid Compatibility (HAC) for Wireless Telecommunication Devices**

**This phone has a HAC rating of M3/T3.**

### **What is hearing aid compatibility?**

The Federal Communications Commission has implemented rules and a rating system designed to enable people who wear hearing aids to more effectively use these wireless telecommunications devices. The standard for compatibility of digital wireless phones with hearing aids is set forth in American National Standard Institute (ANSI) standard C63.19. There are two sets of ANSI standards with ratings from one to four (four being the best rating): an “M” rating for reduced interference making it easier to hear conversations on the phone when using the hearing aid microphone, and a “T” rating that enables the phone to be used with hearing aids operating in the tele-coil mode, thus reducing unwanted background noise.

### **How will I know which wireless phones are hearing aid compatible?**

The Hearing Aid Compatibility rating is displayed on the wireless phone box. A phone is considered Hearing Aid Compatible for acoustic coupling (microphone mode) if it has an “M3” or “M4” rating. A digital wireless phone is considered Hearing Aid Compatible for inductive coupling (tele-coil mode) if it has a “T3” or “T4” rating.

# Warranty

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With this manufacturer’s warranty (hereinafter: the “Warranty”), TINNO USA INC. (hereinafter: the “Manufacturer”) guarantees this product against any material, design and manufacturing defects. The duration of this Warranty is specified in article 1 below.

This Warranty does not affect your statutory rights, which cannot be excluded or limited, in particular in relation to the applicable legislation on defective products.

## Warranty duration

The product may consist of several parts, which may have separate warranty periods, to the extent permitted by local laws. The “Warranty Period” (as defined in the table below) takes effect on the date of purchase of the product (as indicated on the proof of purchase).

1. Warranty period (see table below)

|  |           |
|--|-----------|
| Phone                                      | 12 Months |
| USB Cable and Charger                      | 12 Months |
| Other Accessories (if included in the box) | 12 Months |

2. Warranty period for repaired or replaced parts:

Subject to special provisions of local laws in force, the repair or replacement of a product does not, under any circumstances whatsoever, extend the original warranty period of the product concerned. However, the repaired or replaced parts are guaranteed in the same manner and for the same defect for a period of ninety days after delivery of the repaired product, even if their initial warranty period has expired. Proof of purchase required.

## Implementation of the Warranty

If your product is faulty under normal conditions of use and maintenance, in order to benefit from the present warranty, please contact the TINNO support center via our website (<http://www.tinno.us>) or by calling (855) 945-6872. The TINNO support center will then provide you with instructions on how to return the product for support under warranty.

## Warranty exclusions

TINNO USA INC. guarantees its products against material, design and manufacturing defects. The Warranty does not apply in the following cases:

1. Normal wears and tears of the product (including on camera lenses, batteries and screens) requiring periodic repair and replacement.
2. Defects and damages due to negligence, to the product being used other than in a normal and customary manner, to the noncompliance with the recommendations of the TINNO's user guide, to an accident, regardless of the cause. Instructions for use and maintenance of the product can be found in the TINNO's user guide.
3. The opening, unauthorized disassembly, modification being carried out or repair of the product by the end user or by persons or by service providers not approved by TINNO and/or with spare parts not approved by TINNO.
4. Use of the product with accessories, peripherals and other products whose type, condition and/or standards do not meet the TINNO's requirements.
5. Defects associated with the use or connection of the product to equipment or software not approved by TINNO. Some defects may be caused by viruses due to unauthorized access by yourself or by a third party service, computer systems, other accounts or networks. This unauthorized access may take place through hacking, misappropriation of passwords or various other means.
6. Defects and damage due to the exposure of the product to humidity, extreme

temperatures, corrosion, oxidation, or to any spillage of food or liquids, chemicals and generally any substance likely to alter the product.

7. Any failure of embedded services and applications that have not been developed by TINNO and whose functioning is the exclusive responsibility of their designers.
8. Installation and use of the product in a manner that does not comply with the technical or security standards of regulations in force in the country where it's installed or used.
9. Modification, alteration, degradation or illegibility of the IMEI number, serial number or EAN of the product.
10. Absence of proof of purchase.

**Upon expiration of the warranty period or upon an exclusion of warranty, TINNO may, at its discretion, provide a quote for the repair and offer to provide support for the product, at your cost.**

The TINNO contact and after-sales service details are subject to change; the most recent information is available on <http://www.tinno.us>.